Philips
LCD TV with Pixel Plus HD

42"
Full HD 1080p digital TV

42PFL5624H

Brilliant design, powerful performance.

With superb picture and sound

Experience brilliant performance with a full HD 1080p display. Combined with a powerful Pixel Plus HD Engine and fantastic invisible sound, this Flat TV will never let you down.

Vivid and razor sharp pictures
- Pixel Plus HD for better details, depth and clarity
- Full HD LCD display, with a 1920x1080p resolution
- 28.9 billion colors for brilliant natural images
- Dynamic contrast 50000:1 for incredible rich black details

Pure and lifelike sound
- 2.1 channel surround with subwoofer for deep bass
- 2x12W with BBE for fresh, clear sound
- Invisible speakers with incredible surround

Easy to connect and enjoy
- USB for fantastic multimedia playback
- 3 HDMI inputs with Easylink for a full HD connection
- PC-input allows you to use your TV as a PC monitor

Ready for digital
- MPEG4 HDTV reception via DVB-T and DVB-C tuner with CI+*

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PHILIPS
sense and simplicity

Highlights

Pixel Plus HD

Pixel Plus HD is a picture processing technology that enables viewers to watch content that is vivid, natural and real. The result are superbly life-like pictures with incredible details and depth from any HD source.

Full HD LCD display 1920x1080p

The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future proof as it supports 1080p signals from all sources, including the most recent like Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colors.

28.9 billion colors

Vibrant and natural images from most advanced color processing. The 3 color channels (RGB) are optimized using 10 bit resolution, a total processing power of 28.9 billion colors. It produces vibrant colors while retaining excellent sharpness. The advanced algorithms detect subtle color shades , skin tones and processes these to give most natural colors.

Dynamic contrast ratio 50000:1

You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight boosting technology results in vibrant images. Dynamic Contrast will increase the contrast with excellent blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

2.1 channel surround

This 2.1 channel surround with integrated subwoofer is a complete sound system that utilises Philips incredible surround sound processing technology. It amplifies the bass frequencies from the subwoofer and at the same time optimzing mid and low frequencies. The result is a system that powerfully reproduces the full range of audio frequencies from deep bass to crystal clear high notes.

USB (multimedia)

The USB connector allows access to jpeg photos, mp3 music and video files of most USB-sticks (USB memory-class device). Plug the USB into the slot at the side of the TV and access the multimedia content using the easy on screen content browser. You can now view and share your videos, photos and music.

PC input (VGA)

With PC input you can connect your TV to a computer by a VGA cable and use the TV as a PC monitor.

Invisible speakers

An invisible sound system that blends perfectly with the design of the cabinet. The Incredible Surround allows you to experience total surround with greater depth and width of sound. It gives a clear and spacious sound stage complementary to the rich viewing experience.

MPEG4 DVB-T/C tuner with CI+*

HDTV allows you to watch TV in the best possible picture and sound quality, without additional set-top box. Thanks to the built in tuner that supports DVB-Terrestrial and DVB-Cable signals for both MPEG-2 and MPEG-4 formats, you receive high definition TV programs in exceptional quality. Moreover, with Common Interface Plus (CI+) you benefit from premium high definition content directly on your TV.

LCD TV with Pixel Plus HD
42" Full HD 1080p digital TV

42PFL5624H/12

Specifications

Picture/Display
- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Response time (typical): 5 ms
- Viewing angle: 178° (H) / 178° (V)
- Diagonal screen size: 42 inch / 107 cm
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920x1080p
- Picture enhancement: Pixel Plus HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Color Enhancement, Color Transient Improvement, Digital Noise Reduction, Dynamic contrast enhancement, Luminance Transient Improver
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz
1600 x 1200	60Hz
1920 x 1080	60Hz

- Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576i	50Hz
576p	50Hz
720p	50, 60Hz
1080i	50, 60Hz
1080p	24, 50, 60Hz
1080p	24, 25, 30Hz

Sound
- Output power (RMS): 2 x 12W
- Sound Enhancement: Incredible Surround, Treble and Bass Control
- Sound System: Nicam Stereo, BBE

Convenience
- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer
- Connection Enhancement: Easy link
- Ease of Installation: Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug & Play
- Ease of Use: Auto Volume Leveller (AVL), Delta Volume per preset, Program List, Settings assistant Wizard, One-stop Home button, Favorite program selection
- Electronic Program Guide: Now + Next EPG, 8day Electronic Program Guide*
- Remote Control: TV
- Remote control type: RCPF02E09B
- Screen Format Adjustments: Auto Format, Movie expand 16:9, Super Zoom, Widescreen
- Teletext: 1000 page Smart Text
- Teletext enhancements: 4 favourite pages
- Smart mode: Game, Cinema, Personal, Energy saving, Standard, Vivid

Multimedia Applications
- Multimedia connections: USB
- Playback Formats: MP3, LPCM, JPEG Still pictures, MPEG1, MPEG2, H.264/MPEG-4 AVC

Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL I, PAL B/G, PAL D/K, SECAM B/G, SECAM D/K, SECAM L/L', DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- DVB: DVB-T MPEG4*, DVB-C MPEG4*
- Tuner bands: Hyperband, S-Channel, UHF, VHF

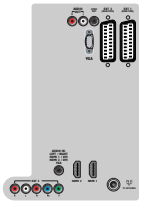
Connectivity
- Ext 1 Scart: Audio L/R, CVBS in, RGB
- Ext 2 Scart: Audio L/R, CVBS in, RGB
- Ext 3: YPbPr, Audio L/R in
- Front / Side connections: HDMI v1.3, S-video in, CVBS in, Audio L/R in, Headphone out, USB 2.0
- Other connections: Audio constant level out, PC Audio in, PC-In VGA, S/PDIF out (coaxial), Common Interface
- HDMI 1: HDMI v1.3
- HDMI 2: HDMI v1.3
- EasyLink (HDMI-CEC): One touch play, System info (menu language), Remote control pass-through, System audio control, System standby

Power
- Ambient temperature: 5 °C to 35 °C
- Mains power: 220-240V, 50Hz
- Power consumption: 210 W
- Standby power consumption: 0.15 W

Dimensions
- Set dimensions (W x H x D): 1034 x 644 x 83 mm
- Set dimensions with stand (W x H x D): 1034 x 692 x 270 mm
- Weight incl. Packaging: 25 kg
- Product weight: 16 kg
- Product weight (+stand): 20 kg
- Box dimensions (W x H x D): 1244 x 729 x 265 mm
- Color cabinet: High gloss black deco front black cabinet
- VESA wall mount compatible: 400 x 400 mm

Accessories
- Included Accessories: Tabletop swivel stand, Power cord, Quick start guide, Warranty certificate, Remote Control, 2 x AAA Batteries

Rear connectors



Side

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* 8 days EPG, service not available in all countries
* DVB-T, supported in selected countries only
* DVB-C in selected countries and for selected operators only. Most up to date information is available on the type plate of the TV.